

Notice of Allowability

Application No.

10/765,882

Examiner

Eric M. Blount

Applicant(s)

OONISHI, JUN

Art Unit

2612

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed 04/26/2006.
2. ☒ The allowed claim(s) is/are 1-27.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

Allowable Subject Matter

1. Claims 1-27 are allowed. The following is an examiner's statement of reasons for allowance:

a. Regarding **claims 1, 13, and 25**, and all claims depending therefrom, the prior art of record fails to sufficiently describe or suggest a sensor device comprising an electronic collision sensor for outputting an electric signal in accordance with a displacement caused by collision with an object; a casing for mounting the sensor and a vibration damping member for damping frequencies equal to or greater than 1 kHz. These along with further limitations render the claims allowable over the prior art of record.

b. As for **claim 9**, and all claims depending therefrom, the prior art fails to describe or suggest a ceramic package for an electronic component comprising a main body for mounting the electronic component; a metallic electrode attached to the main body wherein the electronic component is electrically connected to the metallic electrode prior to being mounted on the main body; and a lead welded to the metallic electrode after mounting of the electronic component such that the metallic electrode prevents influence of the welding from being exerted on the electronic component. These along with further limitations set forth render the claims allowable over the prior art.

c. As for **claim 16**, and all claims depending therefrom, the prior art fails to describe or suggest a sensor device comprising an electronic collision sensor for outputting an electric signal in accordance with a displacement caused by collision with an object; a casing for mounting the sensor and a dynamic damper attached to the electronic sensor, the dynamic damper being tuned to a resonance point of a sensing portion of the sensor.

These along with further limitations set forth render the claims allowable over the prior art of record.

d. Regarding **claim 18**, and all claims depending therefrom, the prior art of record fails to sufficiently describe or suggest a sensor device comprising an electronic collision sensor for outputting an electric signal in accordance with a physical displacement of a sensing portion; a casing for mounting the sensor; a vibration damping member for damping high frequencies, wherein physical properties of the vibration damping member includes a hardness, dielectric dissipation factor, a shape, and a size are configured to enhance the properties of the vibration damping member for damping the high-frequency including vibration at a resonance point of the electronic sensor. These along with further limitations render the claims allowable over the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

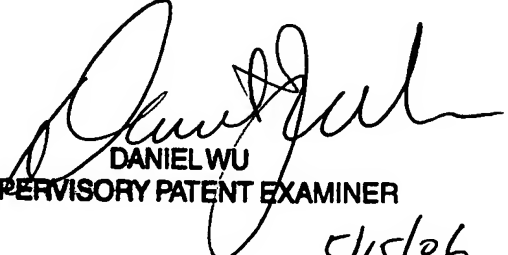
2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eric M. Blount whose telephone number is (571) 272-2973. The examiner can normally be reached on Monday-Thursday 8:00 am - 4:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Daniel Wu can be reached on (571) 272-2964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2612

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Eric M. Blount
Examiner
Art Unit 2612


DANIEL WU
SUPERVISORY PATENT EXAMINER
5/15/06